

# Certified Validation Report Template, Part A: Provided by Validator

## Audit Information

Water System Name: AWA – LaMel Heights

Public Water System Identification (PWSID)<sup>1</sup>: CA0310019

<sup>1</sup>List only 1 PWSID, which should match the PWSID on the FWAS Instructions Tab. For Special cases where multiple water systems are connected with permanent two-way interties, list those additional PWSIDs in the **Notes** below and describe the water distribution system(s) configuration.

## PWSID and Water System Configuration Notes (Provided to Validator by Water System):

Audit Period: CY2020

Validation Date: 8/11/2021

Sufficient Supporting Documents Provided: Yes

## Water System Representatives

Andrea Hinton, Rick Ferriera, Joel Mottishaw

## Validation Findings & Confirmation Statement

### Key Audit Metrics:

|  |   |                    |                  |
|--|---|--------------------|------------------|
| Data Validity Score: 50  | Data Validity Band (Level): Band II (26-50) | Real Loss: -1.7    | gal / conn / day |
| Non-revenue water as percent of cost of operating system: 6.9% |   | Apparent Loss: 9.3 | gal / conn / day |
|  |   | ILI: n/a           |                  |

### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

*If not, rejected recommendations are included here:*

## Validator Information

Water Audit Validator: Kris Williams Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA



## Certified Validation Report Template, Part B: Provided by Utility

**Water System Name:** AWA – LaMel Heights

**Public Water System Identification (PWSID)<sup>2</sup>:** CA 0310019

<sup>2</sup>List only 1 PWSID, which should match the PWSID on the FWAS Instructions Tab. For Special cases where multiple water systems are connected with permanent two-way interties, those additional PWSIDs should have been listed in the Notes section on Page 1 by the Validator.

### Water Audit & Water Loss Improvement Steps:

**1. Steps Taken:** Water System to identify steps taken in the preceding 3 years to increase data validity, reduce real loss, and reduce apparent loss as informed by the annual validated water audit:

This is an extremely small system with only 54 customers and just over a mile of pipe. It is served by 2 wells. The meters are 0-20 yrs old. There is no further development in LaMel Heights. The Source meters are newer and were calibrated when installed. However, there has been no calibration since and no bench testing or active meter replacement program. Meters are checked when they fail to register or a customer calls.

They have contracted with two separate firms to conduct a Rate Study as well as a water and wastewater Master Plan. This will help put the rates in place to make the necessary infrastructure changes.

### 2. Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

Rick Ferriera

Executive Position

Operations and Engineering Manager

Signature



Date

9/27/2021

Utility Provided